DOCUMENT-IDENTIFIER: US 20020161578 A1

TITLE: Systems and methods for automated audio transcription, translation, and transfer

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Pre-Grant Publication Document Identifier - DID (1):
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Detail Description Paragraph - DETX (91):
   [0122] Many newsworthy events (e.g., political speeches, etc.), business proceedings (e.g., board meetings), and legal proceedings (e.g., trials, depositions, etc.) benefit from or require the generation of text transcripts (and optional translations) of spoken language. The systems and methods of the
present invention provide means to generate real-time (or subsequent) text transcripts of these events. The text transcripts can be provided so as to allow full manipulation of the text (e.g., searching, copying, printing, etc.). For example, news media personnel can receive real-time (or subsequent) transcripts of newsworthy speeches, allowing them to select desired portions for use in generating their news reports. A major advantage of using the systems and methods of the present invention is that the user of the text information need not be present at the location where the event is occurring. Virtual business meetings and legal proceedings are possible, where each of the participants receives a real-time (or subsequent) copy of the text of the proceeding, as it occurs. Non-live event transcripts/translations are created after the audio from a prior live event has been recorded for subsequent playback for transcription and translation by captionist/transcriptionist. One embodiment of such an application is illustrated in FIG. 7. A potential corporate customer registers (and is approved) on a web site and pre-buys a block of minutes (or hours) of transcription (and optionally translation) services. During a corporate meeting (e.g., Board Meeting), the meeting chairperson (e.g., on a quality speakerphone) calls into the systems of the present invention and enters their service access code for the transcription/translation services pre-purchased. The meeting participants conduct a normal meeting, speaking their name prior to participation. At the end of the meeting, the chairperson simply hangs-up the phone. Within a

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TITLE: Automated convention processing system and method

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Application Filing Date - AD (1):
    19991115

Brief Summary Text - BSTX (7):
    More specifically, in accordance with a particular embodiment of the present
invention, the database is operable to store a discount date and a discount
percent for each show. The discount percent is applied to the price of items
ordered before the discount date. The database is also operable to store a
control date for the show. The control date specifies a date before which an
estimated quantity of items to be ordered is estimated and after which an
actual quantity of items is ordered. The database is also operable to store an
amount of a first estimated payment for a first estimated quantity of items.
The first estimated payment is received from a first exhibitor prior to the
control date and the discount date. The database is also operable to store an
amount of a second estimated payment for a second estimated quantity of items.

The second estimated payment is received from a second exhibitor prior to the
control date and after the discount date. The transaction engine is operable
to determine a first actual price after the control date based on the discount
percent and the actual quantity of items ordered by the first exhibitor and to
credit a difference between the amount of the first estimated payment and the
first actual price to the first exhibitor's balance. The transaction engine is
also operable to determine a second actual price after the control date based
on the actual quantity of items ordered by the second exhibitor and to credit a
difference between the amount of the second estimated payment and the
second
actual price to the second exhibitor's balance.

Detailed Description Text - DETX (22):

Entry fields for system information 222 include a default job number 250, a show sales tax 252, a control date 254, a discount deadline date 256, a base amount 258 and discount percent 260. The default job number 250 provides a default number for including in a customer's account. However, as described in more detail below, the default job number 250 may be changed when the account
is added. This enables the CPS 12 to handle billing for different divisions within the same show. The control date 254 is a date that identifies how certain orders will be treated. For example, some services may be ordered with an estimated amount or quantity, as opposed to an actual quantity. The control date 254 specifies on which date the quantity pricing for those services is entered or posted in the CPS 12 to reflect actual quantity. The discount deadline date 256 is the date before which the convention processing company will provide a specified discount for services provided at the corresponding show. The base amount 258 is the maximum amount that will be written off when
closing accounts for the corresponding show. The discount percent 260 specifies the discount that will be provided for services ordered before the discount deadline date 256.

Detailed Description Text - DETX (23):
    One feature of the CPS 12 involves pre-payments for items with estimated quantities. For services with estimated quantities prior to the control date 254, a customer may pre-pay an estimated amount in order to receive the discount that is available by ordering before the discount deadline date 256. At any time after the control date 254, when the actual quantity for the service is known, the customer's balance may be calculated by multiplying the actual quantity by the discount price. Any remaining amount from the pre-paid estimate may then be used to pay for other services or may be refunded to the customer. Also, although no discount is given, a customer may pre-pay an estimated amount after the discount deadline date up until the control date.

Detailed Description Text - DETX (52):
    Entry fields for the item settings information 560 also includes a plurality of flags. These flags include a sales tax flag 660 for indicating that the item must have the sales tax 252 applied, an additional tax 1 flag 662 and an additional tax 2 flag 664 for indicating that the item must have one or both of the additional taxes 374 applied, a pre-paid item flag 670 for indicating that a customer may pre-pay for the item based on an estimated amount, an out of stock flag 672 for indicating that the item is out of stock and for removing the item from the list displayed to customers for ordering, a placement flag

674 for indicating that a customer may select the placement of the item in the booth, and a required comment flag 676 for indicating that a customer response is required to a specialized prompt 678 that is a textual message displayed when the item is ordered.

Detailed Description Text - DETX (72):

The account summary table 902 includes an event filter 920. The event filter 920 comprises a drop-down menu from which a system operator may select which type of events are to be displayed in the account table 902. For example, the system operator may select from orders, pre-paids, notes, or all events. The account summary table 902 includes identifying information for a plurality of events, such as event date, event type, booth number, user name, reference number, estimated charge, actual charge, and actual payment. The identifying information may comprise a link to access more detailed information. For example, a system operator may click on the date of the event to access more information regarding the associated event.

Detailed Description Text - DETX (116):

By clicking the account summary link 1704, a customer may preview an account
summary screen similar to account summary screen 900. However, the customer
will not be provided with the ability to place an order, view notes, make adjustments, move booths, or carry a balance forward. The account summary preview will allow the customer to print this report to serve as a receipt displaying only orders, pre-paids, payments, adjustments, refunds and fees.

Claims Text - CLTX (4):

4. The system of claim 1, further comprising: the database storing a discount date; a discount percent for each show, the discount percent applied to the price of items ordered before the discount date; a control date for the show, the control date specifying a date before which an estimated quantity of items to be ordered is estimated and after which an actual quantity of items is ordered; an amount of a first estimated payment for a first estimated quantity of items, the first estimated payment received from a first exhibitor prior to the control date and the discount date; and an amount of a second estimated payment for a second estimated quantity of items, the second estimated payment
received from a second exhibitor prior to the control date and after the discount date; and the transaction engine operable to determine a first actual

price after the control date based on the discount percent and the actual quantity of items ordered by the first exhibitor and to credit a difference between the amount of the first estimated payment and the first actual price to the first exhibitor's balance and to determine a second actual price after the control date based on the actual quantity of items ordered by the second exhibitor and to credit a difference between the amount of the second estimated payment and the second actual price to the second exhibitor's balance.

Claims Text - CLTX (40):

40. The method of claim 37, further comprising: storing a discount date; storing a discount percent for each show, the discount percent applied to the price of items ordered before the discount date; storing a control date for the show, the control date specifying a date before which an estimated quantity of items to be ordered is estimated and after which an actual quantity of items is ordered; receiving from a first exhibitor a first estimated payment for a first estimated quantity of items prior to the control date and the discount date; receiving from a second exhibitor a second estimated payment for a second estimated quantity of items prior to the control date and after the discount date; after the control date, determining a first actual price based on the discount percent and the actual quantity of items ordered by the first exhibitor; after the control date, determining a second actual price based on the actual quantity of items ordered by the second exhibitor; crediting a difference between the first estimated payment and the first actual price to the first exhibitor's balance; and crediting a difference between the second estimated payment and the second actual price to the second exhibitor's balance.

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enhanced by allowing a function identifier to entered at a point-of-sale and
mapped to a corresponding function maintained by a credit card issuer to result
in a definite and certain affect on the transaction or the account to which the
transaction relates.

Detailed Description Text - DETX (46):

Based on the foregoing specific discussion of table 600 and, in particular,
records R.sub.1, R.sub.2, and R.sub.4, it should be readily appreciated that
functions according to the present invention are used to affect transactions.
Accordingly, a detailed discussion of record R.sub.3 is omitted. It should be
noted, however, that the operations that must be carried out or executed to
bring about the functionality corresponding to particular functions will be
readily apparent to those skilled in the art of computer programming. For
example, discounts will involve the mathematical multiplication of a
transaction amount by a discount factor (e.g., 5% or 10%), whereas dollars-off
discounts will usually involve the mathematical subtraction of a specified sum
from a transaction amount. Special buying incentives such as a reduced
interest programs will involve the multiplication and compounding of interest
at specified rates versus standard applied interest rates. Moreover, the
actual functions that are to affect transactions may be set by merchants such
as pre-purchased discounts as purchasing incentives and the like, by customers
desiring to record transaction information such a text strings and the like,
and by credit card issuers as incentives to utilize and/or activate credit card
accounts. In any event, the functions contemplated by the present are intended
to be processed utilizing conventional and readily available point-of-sale
processing systems that allow for entry of alpha and numeric data.

Detailed Description Text - DETX (62):

At Step S7-21, the credit card issuer's data processing system 200 records
the transaction in a transaction database for later processing during a billing
cycle.

Detailed Description Text - DETX (65):

Referring now to FIGS. 8A and 8B, therein depicted is another preferred
embodiment fo